

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100029.D
 Acq On : 14 Jun 2019 18:45
 Operator : JU/SJ
 Sample : K3284-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20190609

Quant Time: Jun 15 00:50:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	905	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3189	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2580	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	7273	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8982	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10284	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	476	0.19	ng	0.01
5) Phenol-d6	6.98	99	304	0.10	ng	0.01
8) Nitrobenzene-d5	8.96	82	1341	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2055	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	823	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4645	0.47	ng	-0.03
25) Fluoranthene-d10	19.24	212	41686	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	10179	0.63	ng	0.00

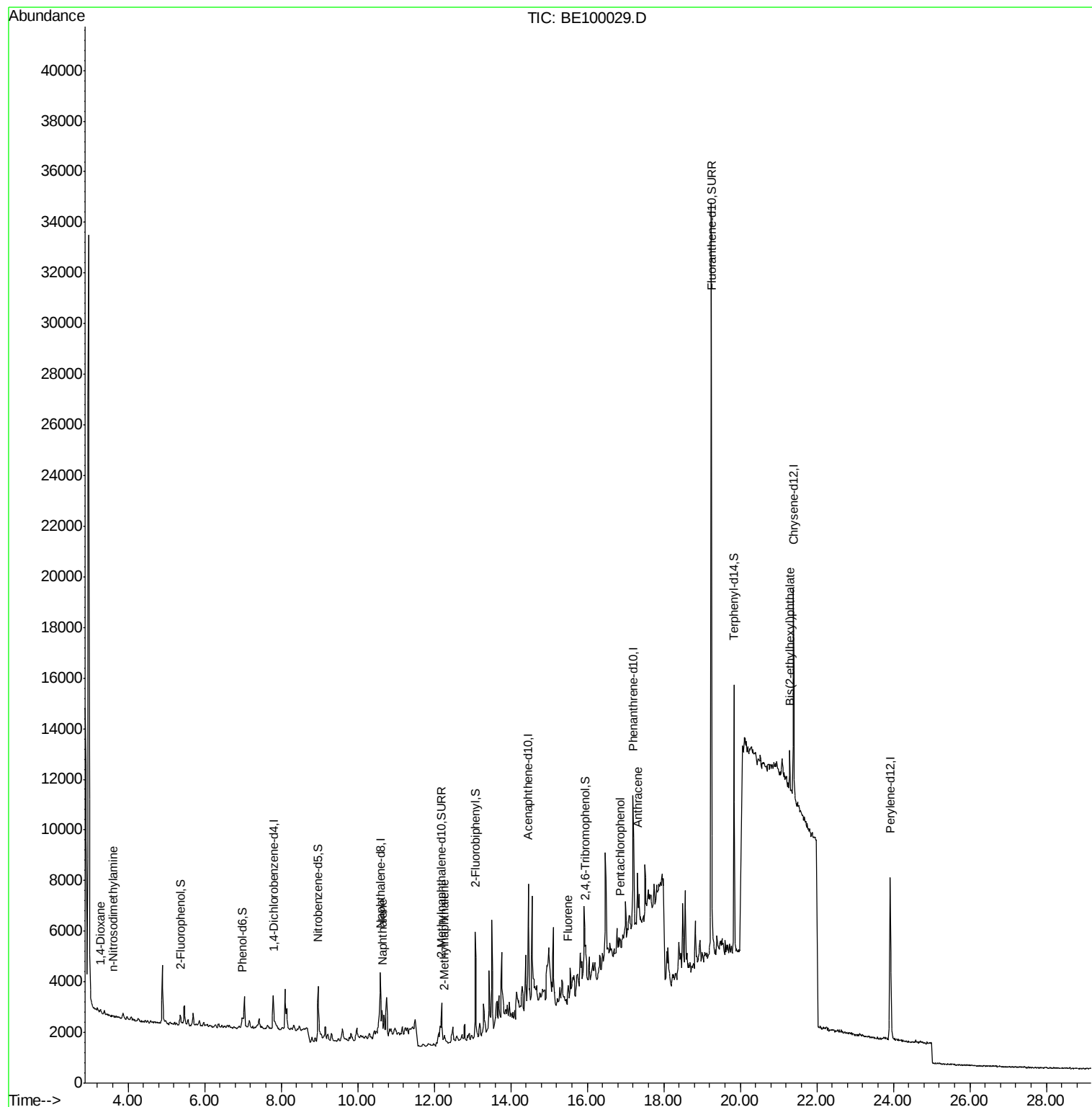
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	83	0.062	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	24	0.031	ng	# 100
9) Naphthalene	10.64	128	1398	0.041	ng	# 77
12) 2-Methylnaphthalene	12.27	142	152	0.027	ng	# 40
18) Fluorene	15.50	166	528	0.050	ng	# 82
22) Pentachlorophenol	16.87	266	76	0.337	ng	93
24) Anthracene	17.32	178	843	0.052	ng	# 14
32) Bis(2-ethylhexyl)phthalate	21.29	149	1871	0.049	ng	# 77

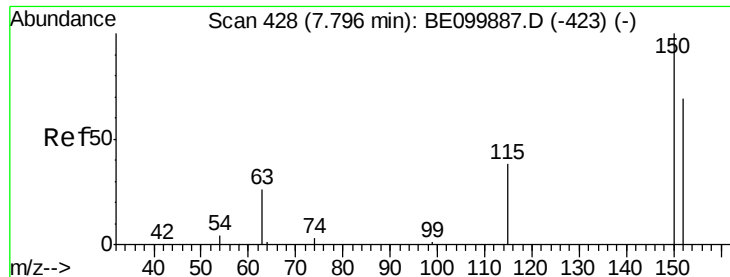
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 00:50:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



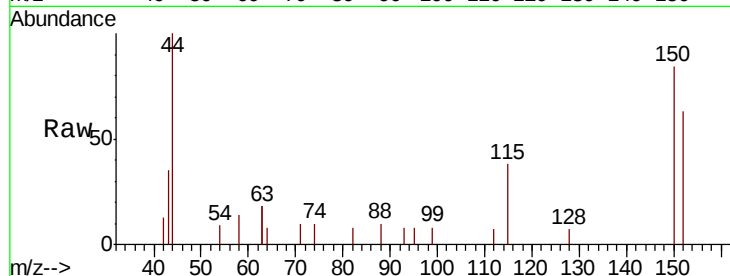


#1

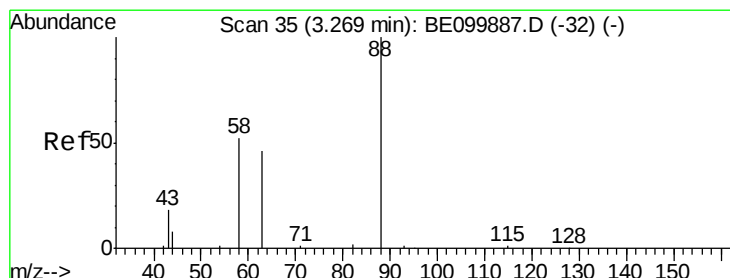
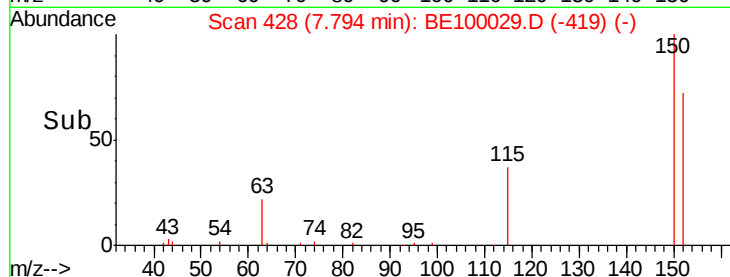
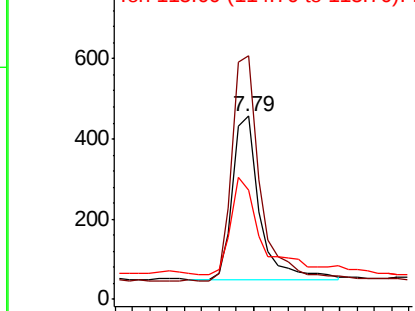
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100029.D
Acq: 14 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
BP-DUP06-20190609

Tgt Ion: 152 Resp: 905
Ion Ratio Lower Upper
152 100
150 132.8 111.0 166.6
115 59.7 50.7 76.1



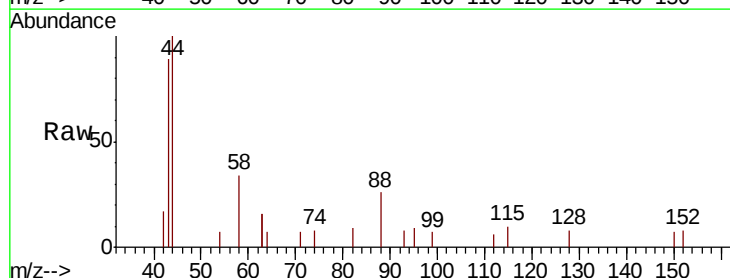
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



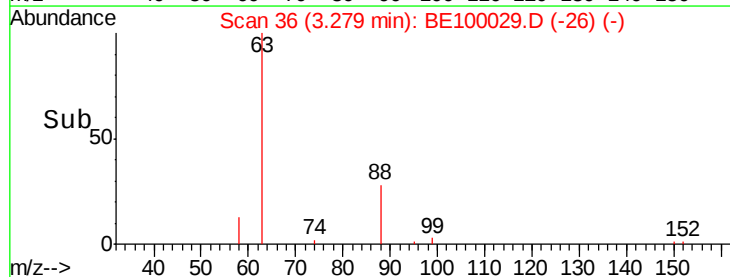
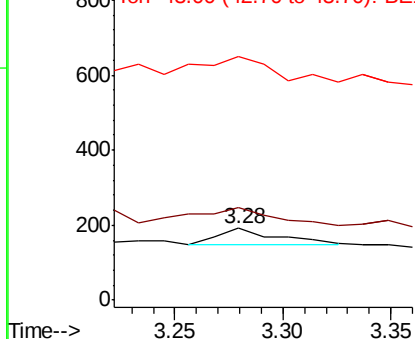
#2

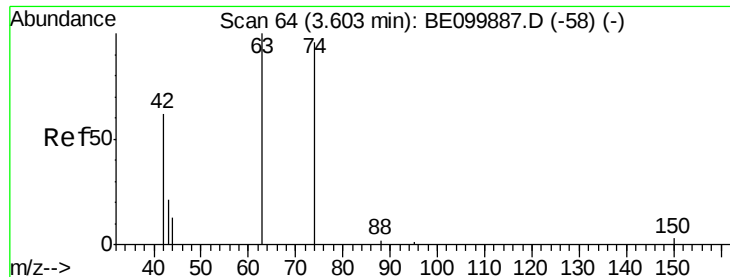
1,4-Dioxane
Concen: 0.062 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100029.D
Acq: 14 Jun 2019 18:45

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
58 144.6 48.8 73.2#
43 190.4 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.031 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

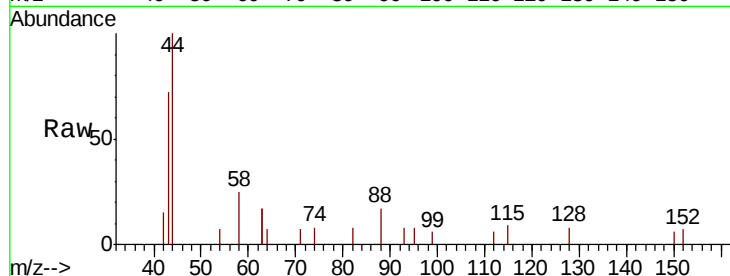
Instrument :

BNA_E

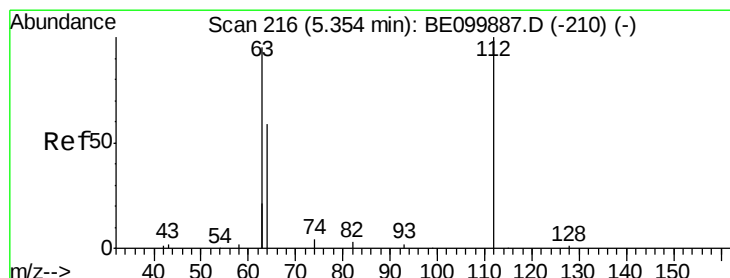
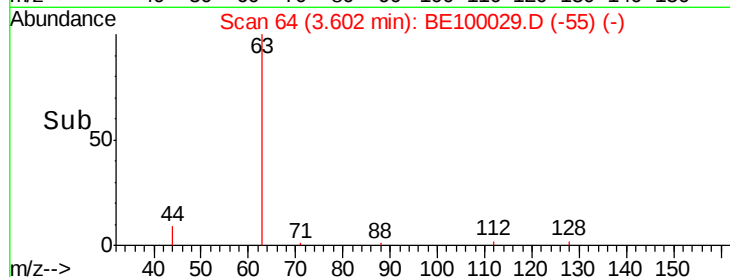
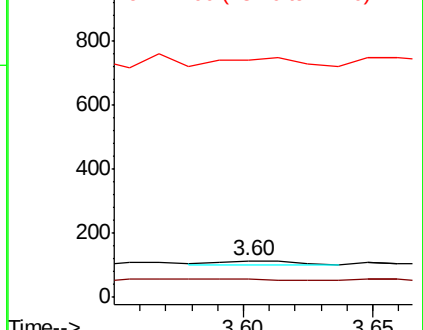
ClientSampleId :

BP-DUP06-20190609

Tgt Ion:	42	Resp:	24
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	245.8	0.0	0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.195 ng

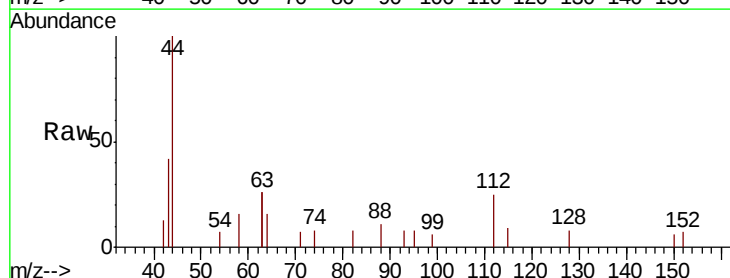
RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

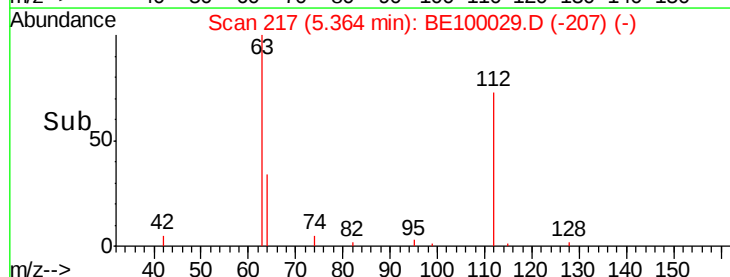
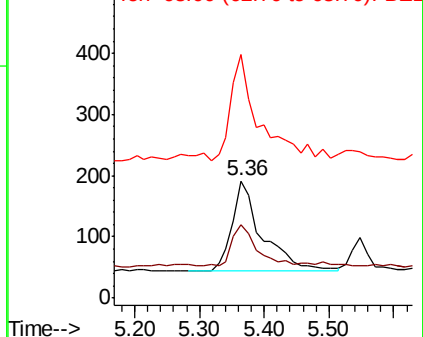
Lab File: BE100029.D

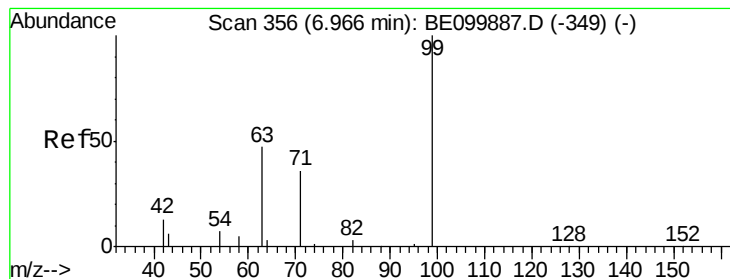
Acq: 14 Jun 2019 18:45

Tgt Ion:	112	Resp:	476
Ion	Ratio	Lower	Upper
112	100		
64	38.7	44.1	66.1#
63	112.4	87.8	131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.097 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20190609

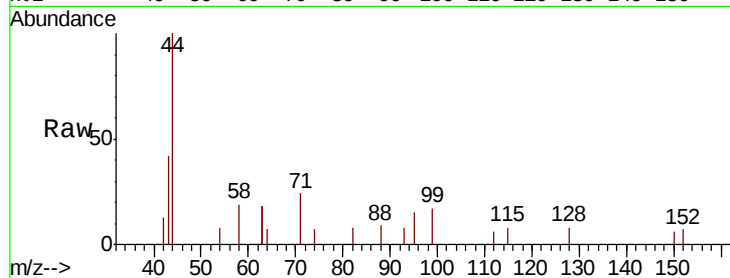
Tgt Ion: 99 Resp: 304

Ion Ratio Lower Upper

99 100

42 21.7 15.9 23.9

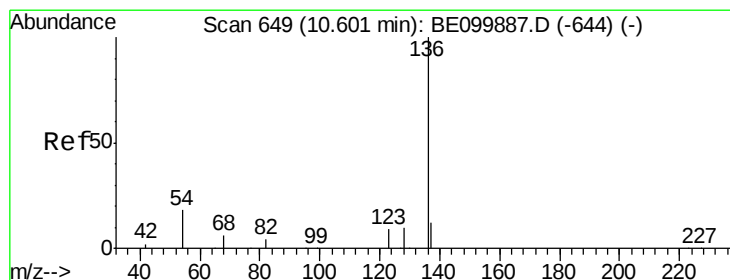
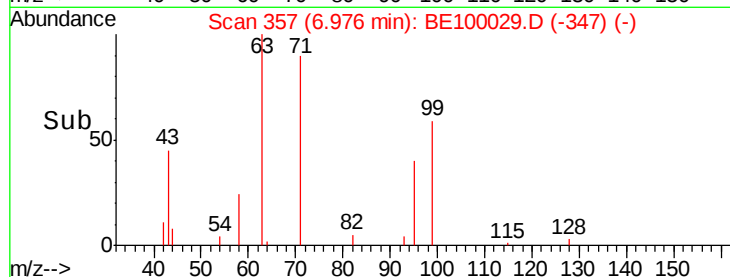
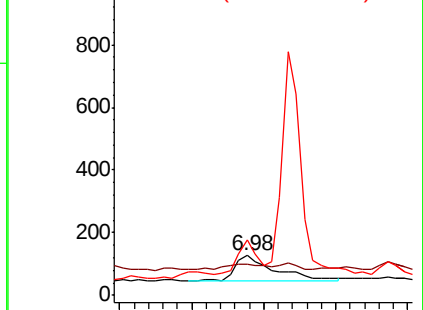
71 67.8 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Tgt Ion: 136 Resp: 3189

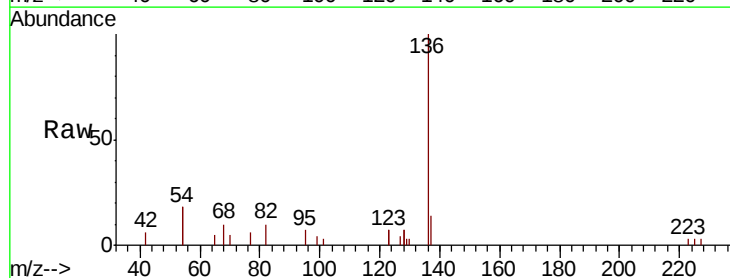
Ion Ratio Lower Upper

136 100

137 13.8 12.3 18.5

54 35.6 28.2 42.4

68 10.5 7.8 11.8

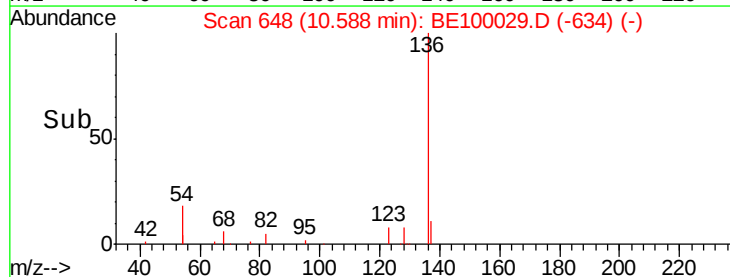
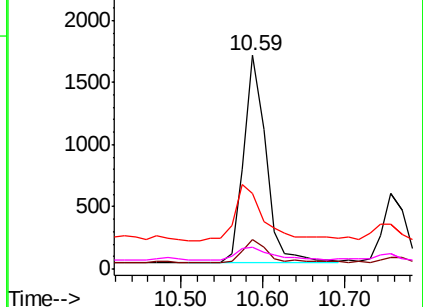


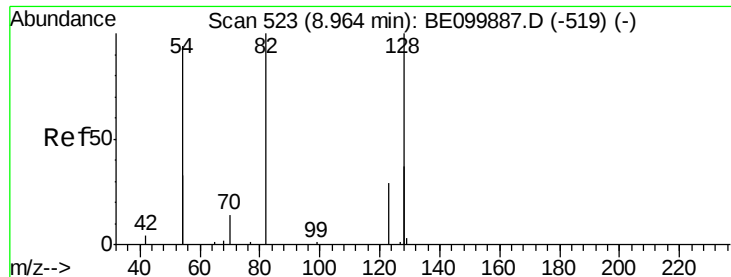
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.444 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Instrument :

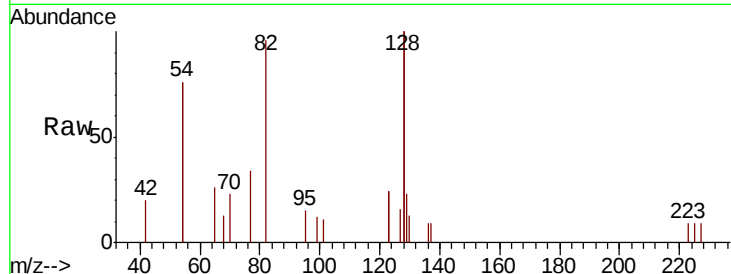
BNA_E

ClientSampleId :

BP-DUP06-20190609

Tgt Ion: 82 Resp: 1341

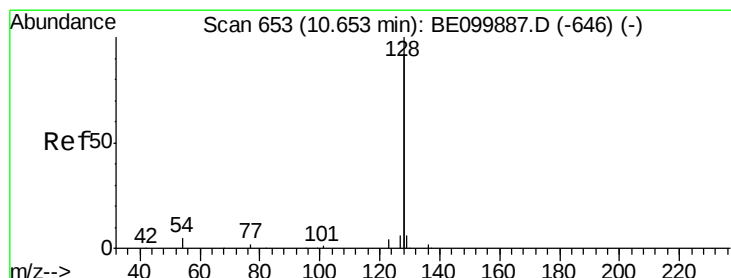
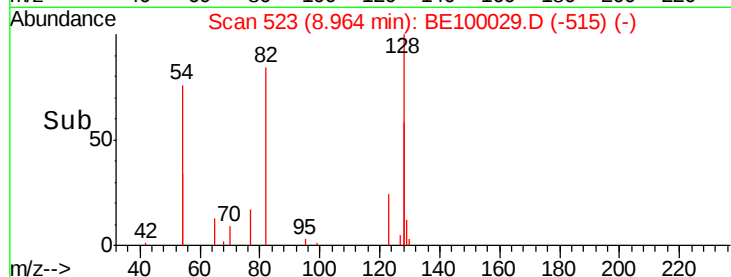
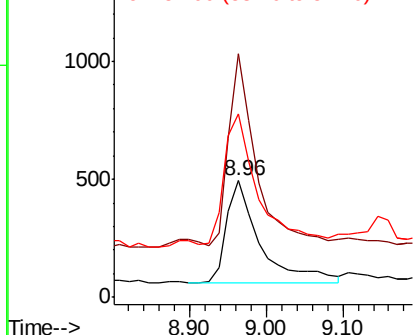
Ion	Ratio	Lower	Upper
82	100		
128	208.5	137.3	205.9#
54	157.6	129.7	194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.041 ng

RT: 10.64 min Scan# 652

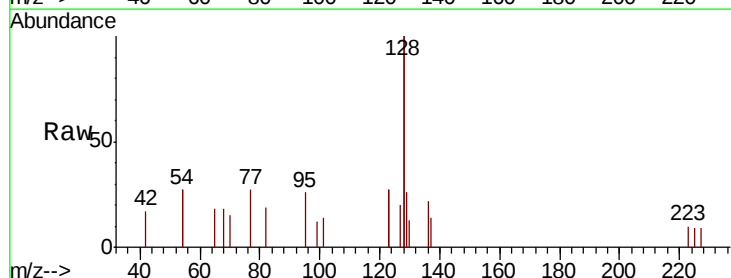
Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Tgt Ion: 128 Resp: 1398

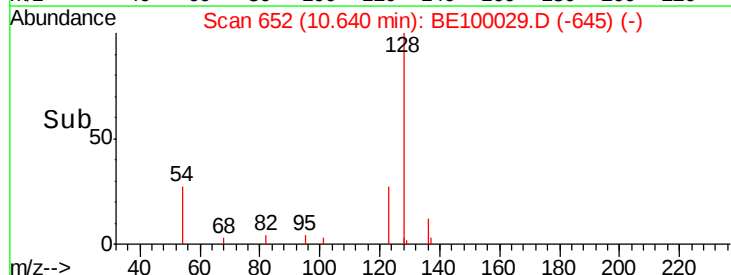
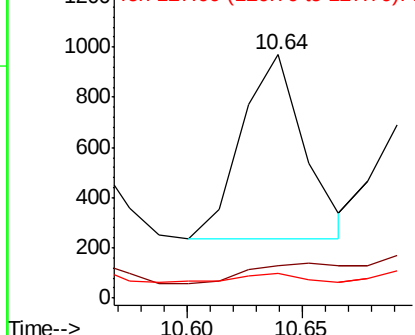
Ion	Ratio	Lower	Upper
128	100		
129	13.2	3.0	4.6#
127	10.0	3.4	5.0#

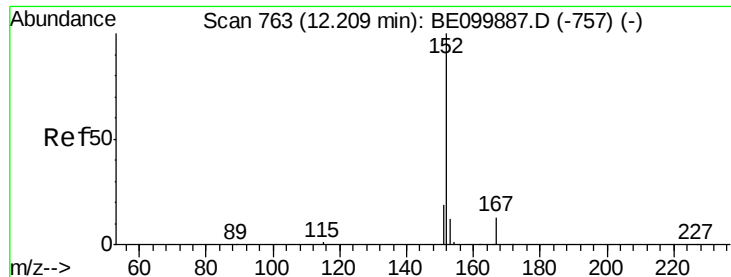


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

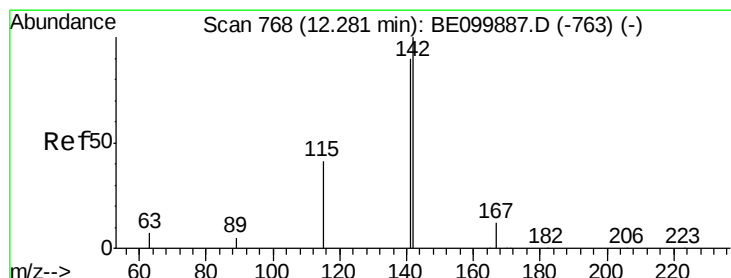
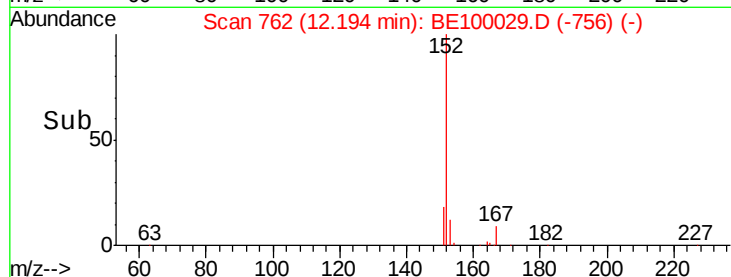
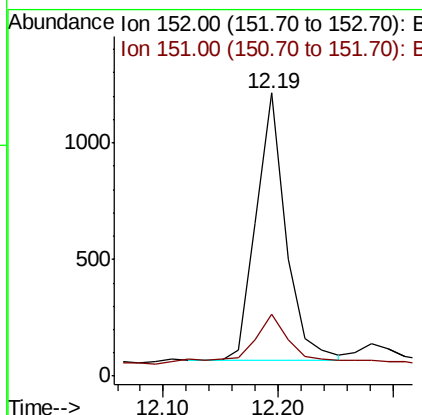
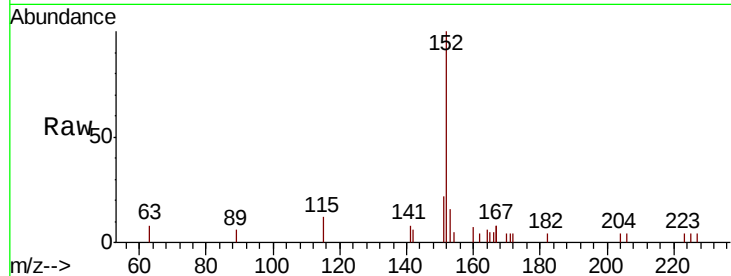




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100029.D
Acq: 14 Jun 2019 18:45

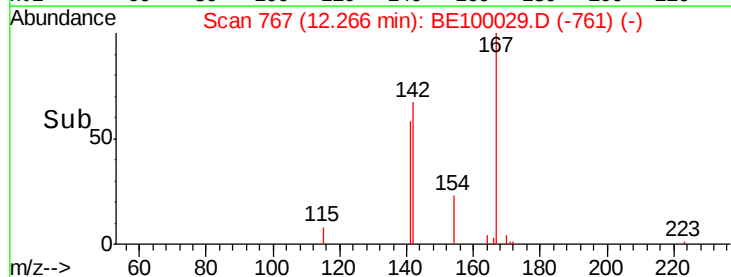
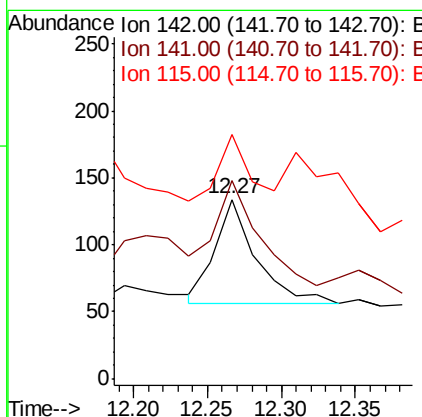
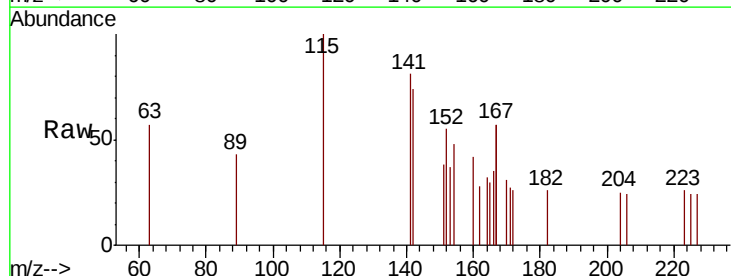
Instrument :
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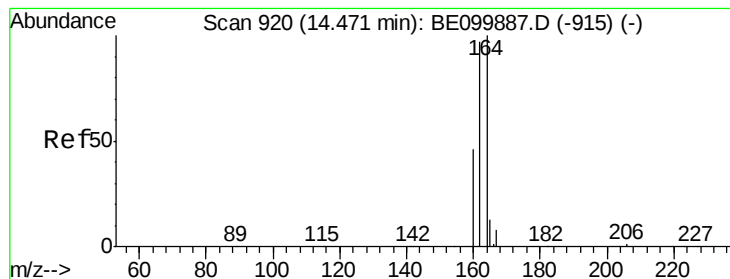
Tgt Ion:152 Resp: 2055
Ion Ratio Lower Upper
152 100
151 22.4 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100029.D
Acq: 14 Jun 2019 18:45

Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
141 110.4 72.3 108.5#
115 135.8 36.4 54.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20190609

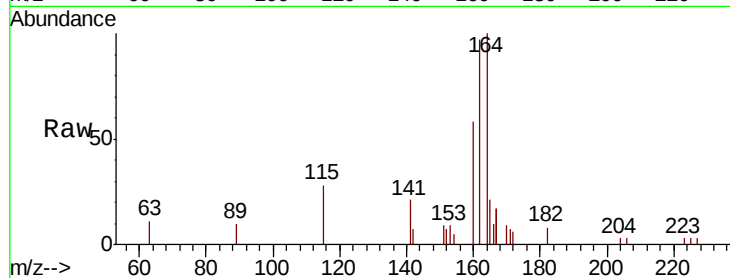
Tgt Ion:164 Resp: 2580

Ion Ratio Lower Upper

164 100

162 96.8 77.8 116.8

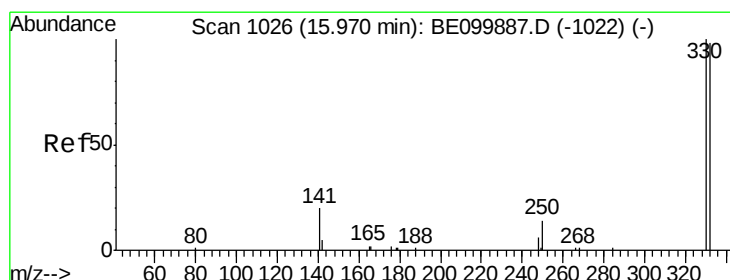
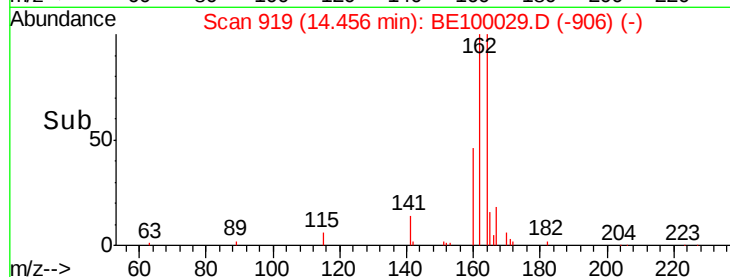
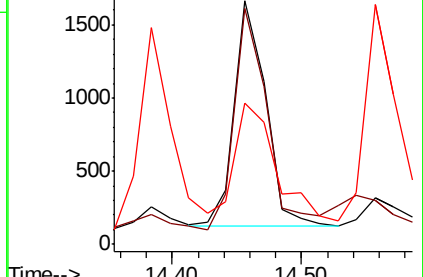
160 58.2 38.2 57.4#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.432 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

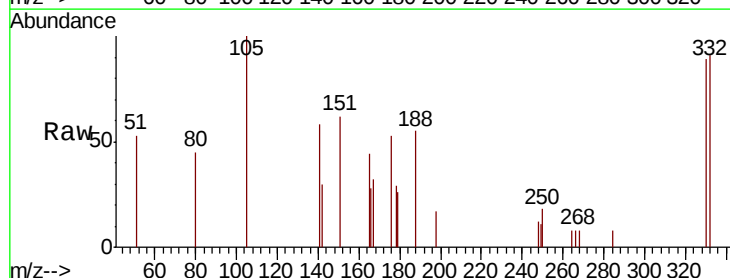
Tgt Ion:330 Resp: 823

Ion Ratio Lower Upper

330 100

332 99.0 76.7 115.1

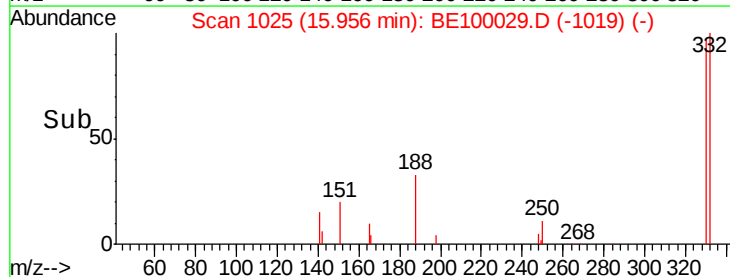
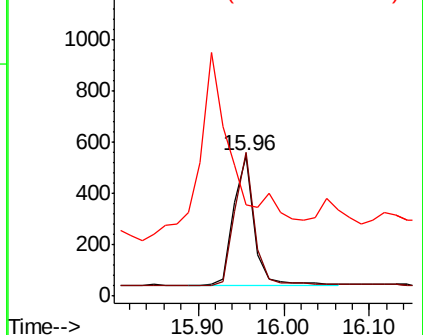
141 0.0 21.0 31.6#

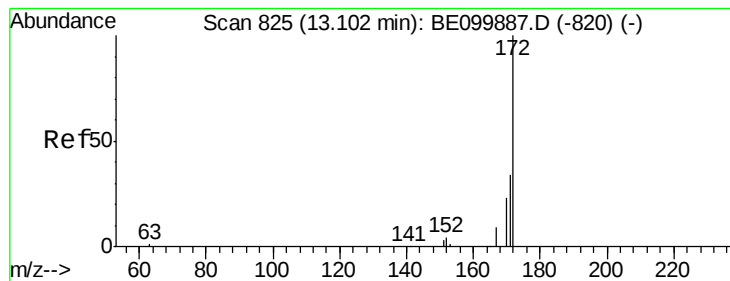


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

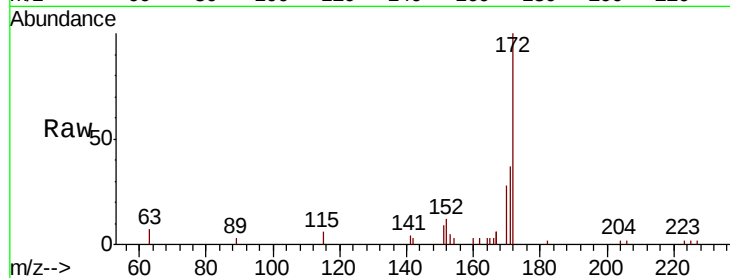




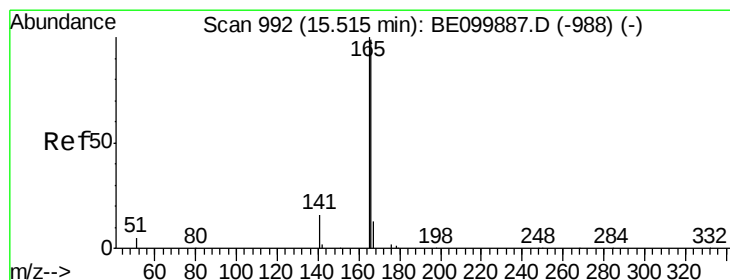
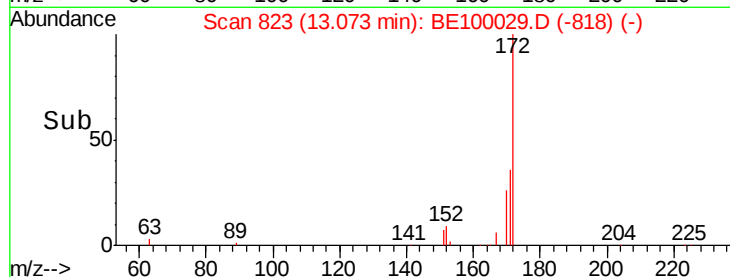
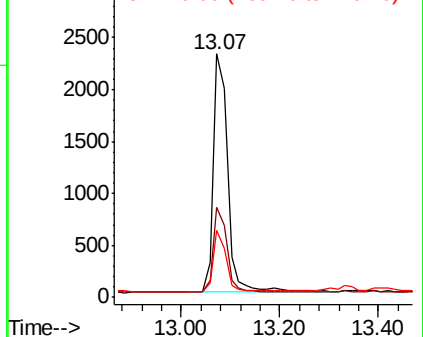
#15
2-Fluorobiphenyl
Concen: 0.475 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE100029.D
Acq: 14 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
BP-DUP06-20190609

Tgt Ion:172 Resp: 4645
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 27.7 21.2 31.8

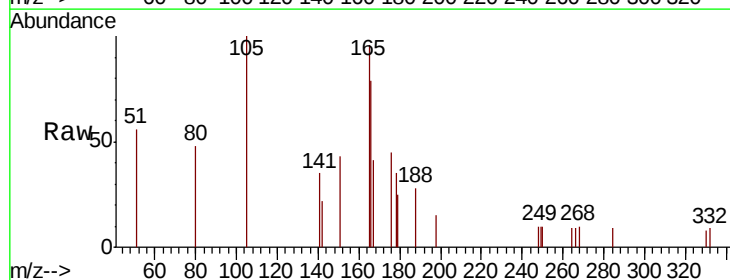


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

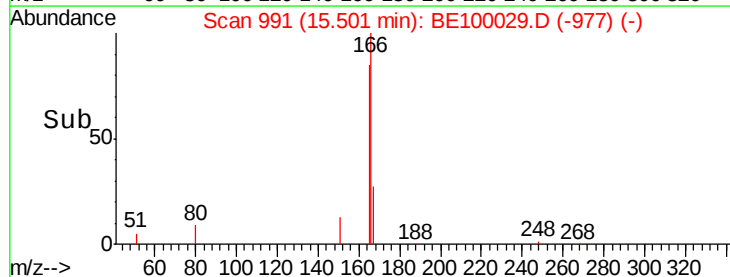
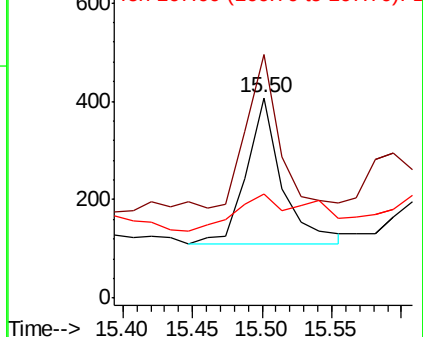


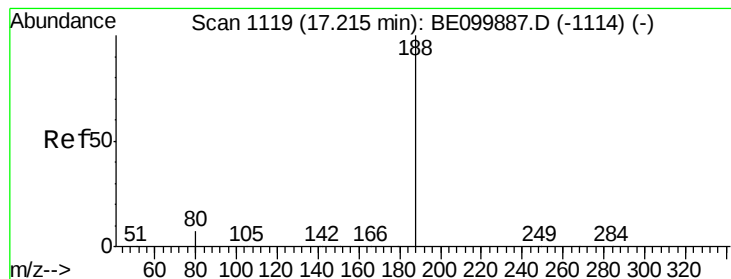
#18
Fluorene
Concen: 0.050 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100029.D
Acq: 14 Jun 2019 18:45

Tgt Ion:166 Resp: 528
Ion Ratio Lower Upper
166 100
165 97.0 81.8 122.8
167 58.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20190609

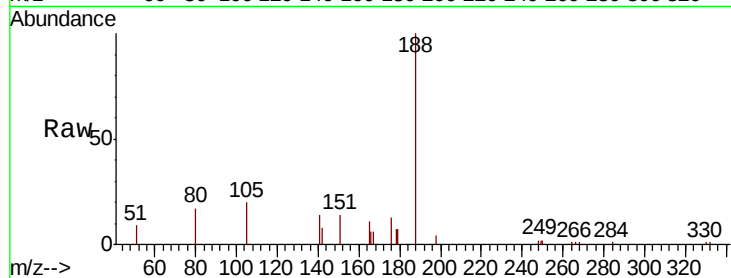
Tgt Ion:188 Resp: 7273

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

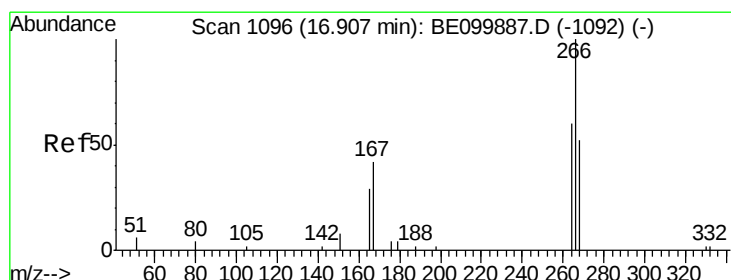
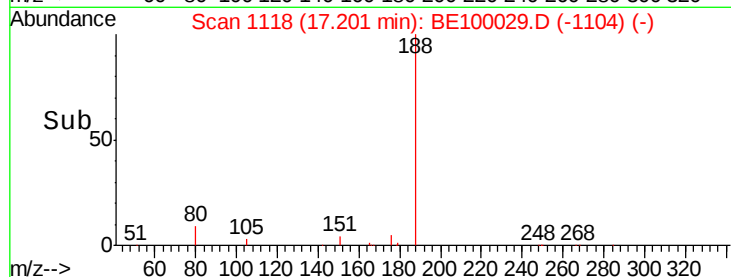
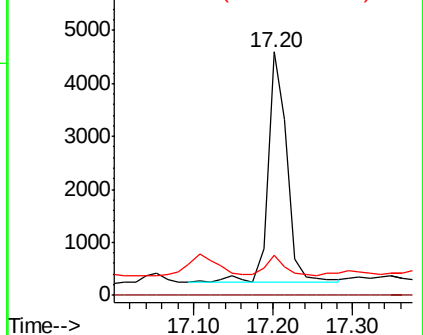
80 16.6 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.337 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

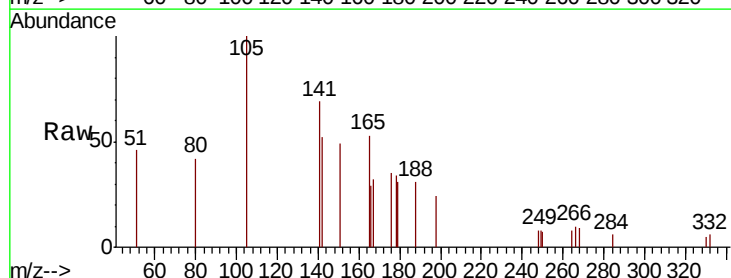
Tgt Ion:266 Resp: 76

Ion Ratio Lower Upper

266 100

264 83.5 62.2 93.2

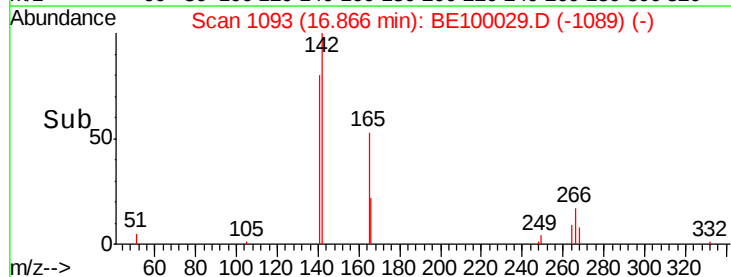
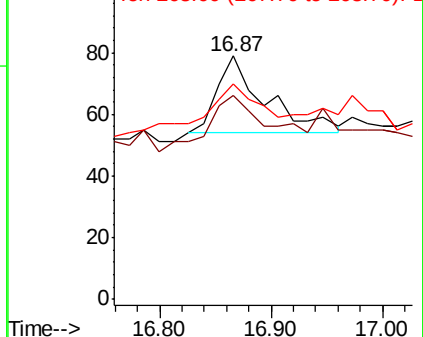
268 88.6 65.5 98.3

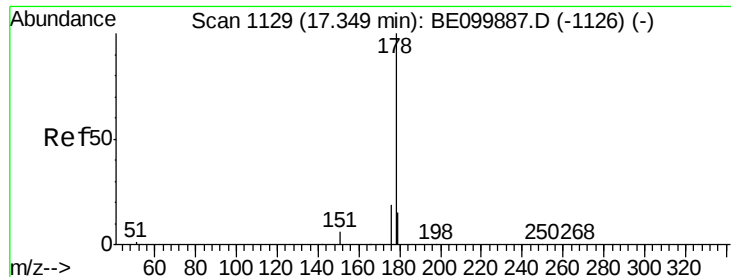


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.052 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20190609

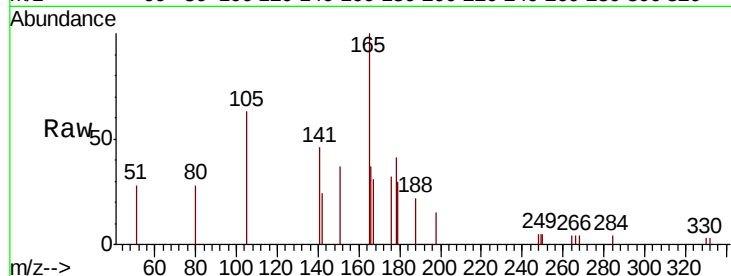
Tgt Ion:178 Resp: 843

Ion Ratio Lower Upper

178 100

176 63.6 14.6 22.0#

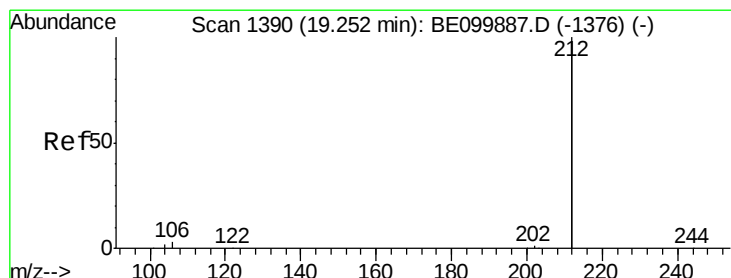
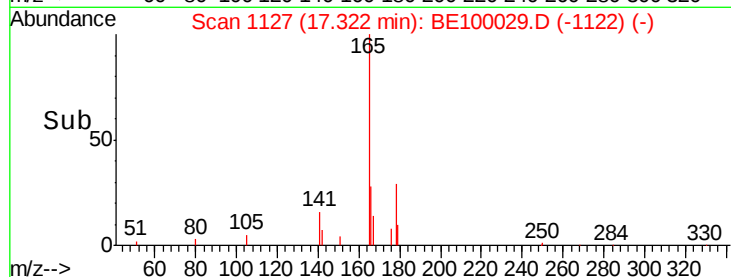
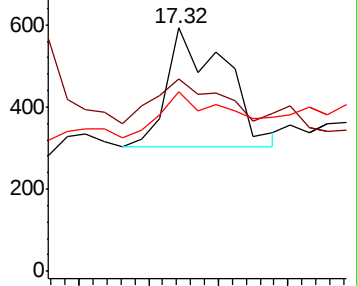
179 43.2 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

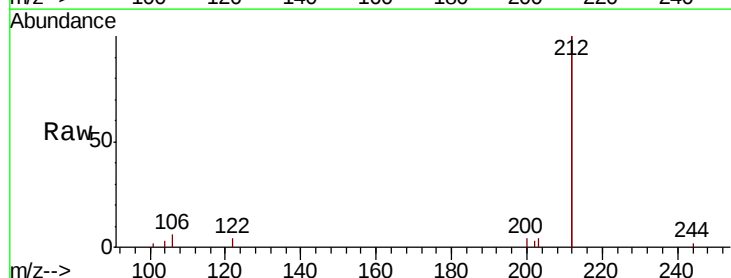
Tgt Ion:212 Resp: 41686

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

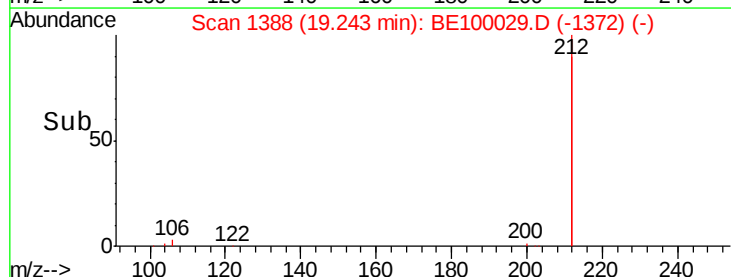
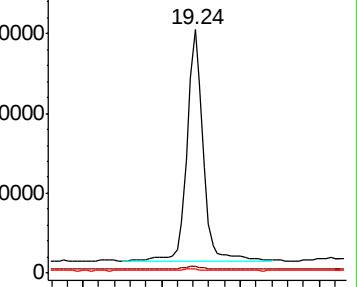
104 1.1 0.9 1.3

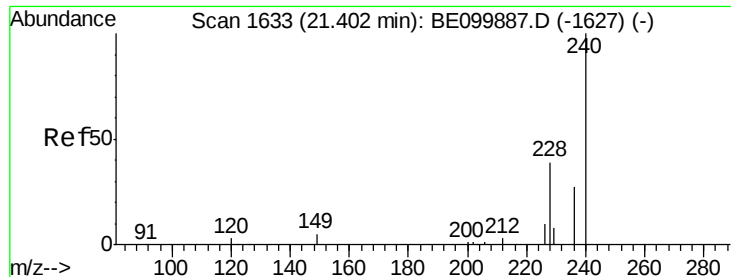


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20190609

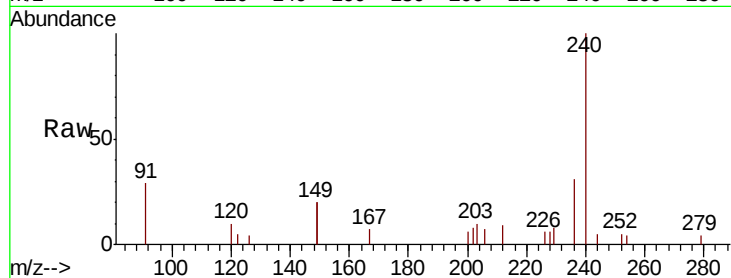
Tgt Ion:240 Resp: 8982

Ion Ratio Lower Upper

240 100

120 10.0 3.8 5.6#

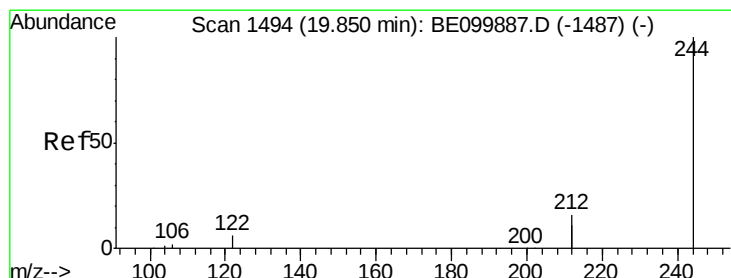
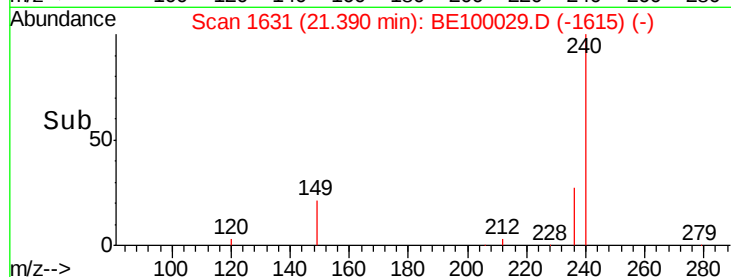
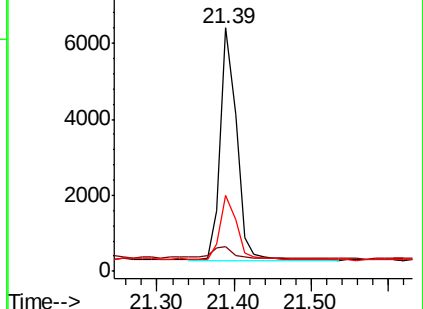
236 31.0 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.630 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100029.D

Acq: 14 Jun 2019 18:45

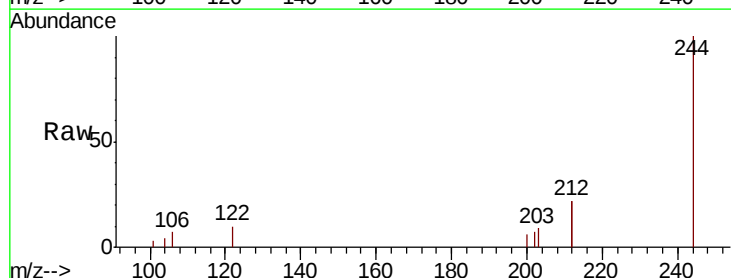
Tgt Ion:244 Resp: 10179

Ion Ratio Lower Upper

244 100

212 44.2 25.7 38.5#

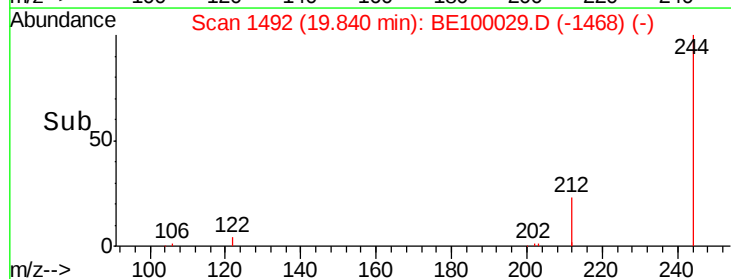
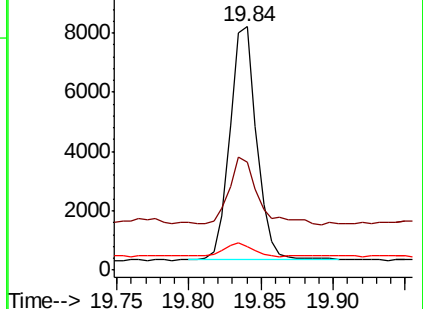
122 9.5 5.5 8.3#

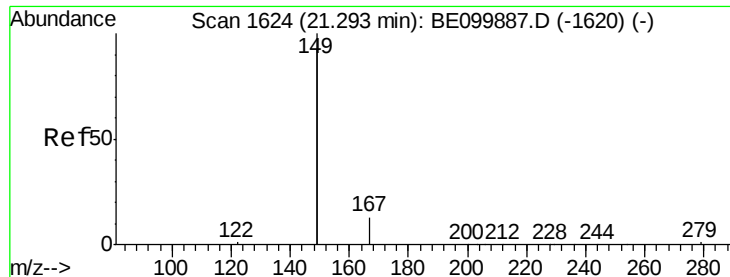


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

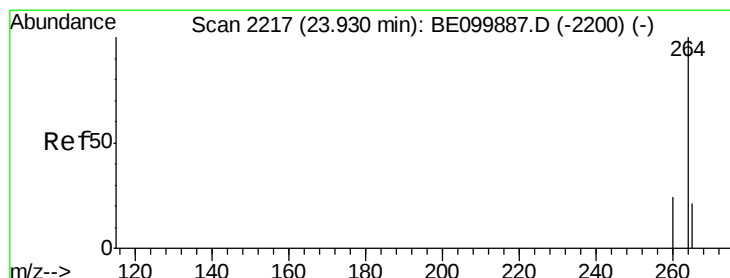
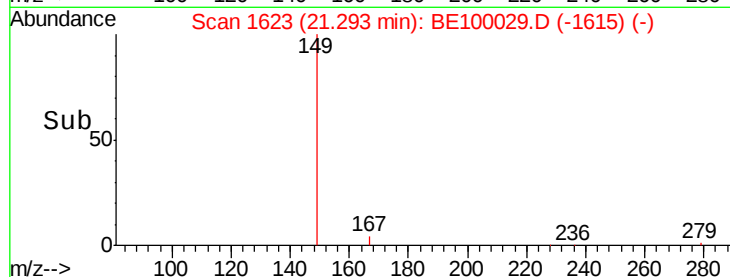
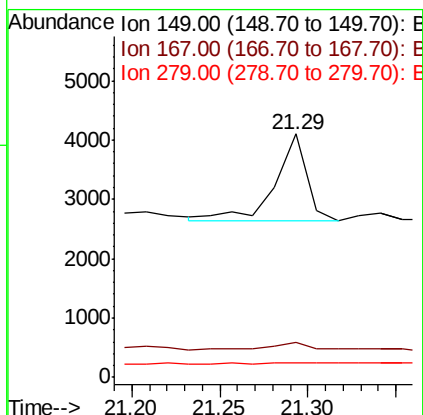
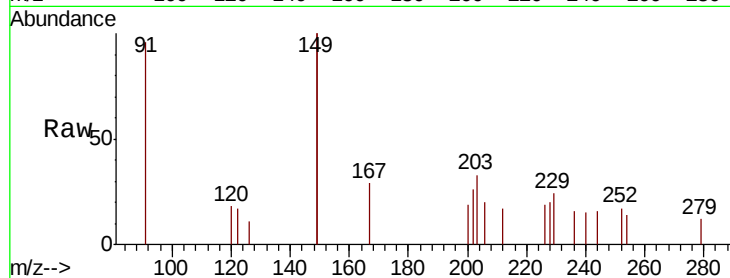




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100029.D
 Acq: 14 Jun 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20190609

Tgt Ion:149 Resp: 1871
 Ion Ratio Lower Upper
 149 100
 167 16.8 5.9 8.9#
 279 0.0 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BE100029.D
 Acq: 14 Jun 2019 18:45

Tgt Ion:264 Resp: 10284
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.2 30.2
 265 35.3 22.0 33.0#

